

Amendment under 37 C.F.R. § 1.111
Application No. 10/750,964

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An electronic controlled drive apparatus that conducts drive control of an internal combustion engine which is provided in a moving vehicle, the electronic controlled drive apparatus comprising:

control means having an operational lever;

target value calculating means for calculating a target throttle opening degree and a target shift position based on an inputted position of the operational lever;

a throttle actuator that opens or closes a throttle of the internal combustion engine in accordance with the target throttle opening degree by a control of the control means;

a shift actuator that actuates a shift in accordance with the target shift position by a control of the control means;

determination means for determining whether or not the target shift position is in a shift-in state; and

correction throttle opening degree setting means for setting a predetermined throttle opening degree so as to put the throttle into a small opening degree state when as a result of the determination means determining that the target shift position is in the shift-in state.

wherein when the determination means determined that the target shift position is in the shift-in state, the control means drives the shift actuator to conduct shift connection after driving the throttle actuator to put the throttle into the small opening degree state in which the throttle is opened by the predetermined throttle opening degree.

2. (currently amended): The electronic controlled drive apparatus as set forth in claim 1
An electronic controlled drive apparatus that conducts drive control of an internal
combustion engine which is provided in a moving vehicle, the electronic controlled drive
apparatus comprising:

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control means having an operational lever;

target value calculating means for calculating a target throttle opening degree and a target shift position based on an inputted position of the operational lever;

a throttle actuator that opens or closes a throttle of the internal combustion engine in accordance with the target throttle opening degree by a control of the control means;

a shift actuator that actuates a shift in accordance with the target shift position by a control of the control means;

determination means for determining whether or not the target shift position is in a shift-in state; and

correction throttle opening degree setting means for setting a predetermined throttle opening degree so as to put the throttle into a small opening degree state when the target shift position is in the shift-in state,

wherein when the determination means determined that the target shift position is in the shift-in state, the control means drives the shift actuator to conduct shift connection after driving the throttle actuator to put the throttle into the small opening degree state in which the throttle is opened by the predetermined throttle opening degree,

wherein the control means and at least one of said throttle actuator and said shift actuator are integrated.